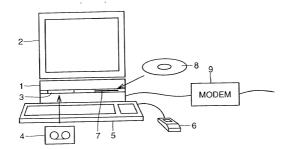
FIG.1



F1G.2

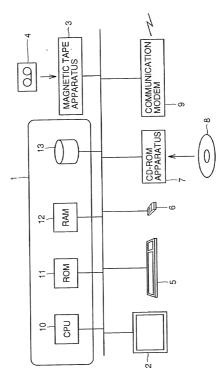


FIG.3

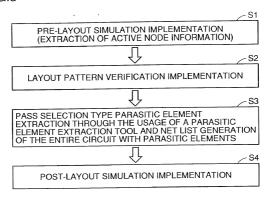


FIG.4A

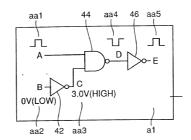


FIG.4B

aa1

aa4

aa5

VDD

A

VDD

A

GND

GND

AACTIVE NODES DETECTED AT
THE PRE-LAYOUT SIMULATION

FIG.4C



FIG.5A

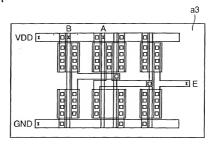
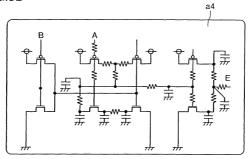


FIG.5B



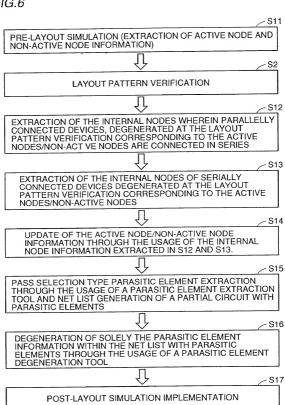


FIG.7A

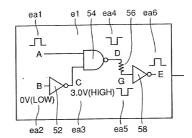


FIG.7B

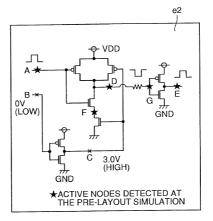


FIG.7C (ACTIVE NODE INFORMATION)

A,D,E,F,G ea7

FIG.7D (NON-ACTIVE NODE INFORMATION)

FIG.8A

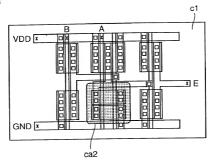
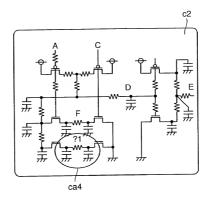


FIG.8B



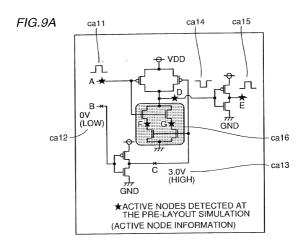


FIG.9B

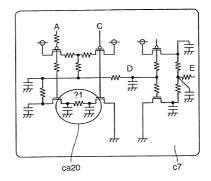


FIG.10A

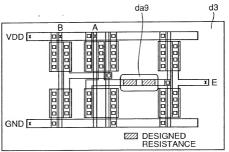


FIG.10B

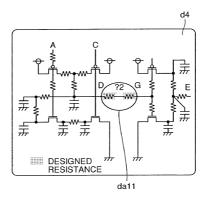


FIG.11

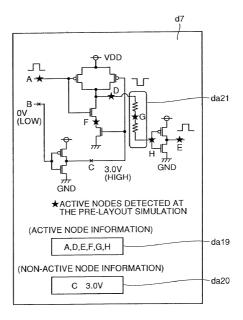
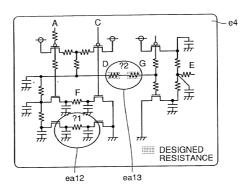


FIG.12A



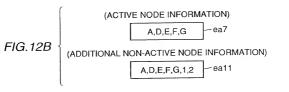


FIG.12C

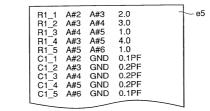


FIG.12D

